






## Frontal impact detection system for use on motor vehicle uses forward-mounted longitudinal acceleration sensor and rearward-mounted longitudinal and lateral acceleration sensor

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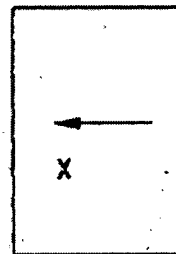
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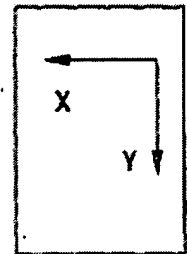
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### Abstract of DE10138764

The vehicle has two acceleration sensors. The first sensor (1) is mounted in the forward part of the vehicle and can measure acceleration in the X direction or in the longitudinal direction. The second sensor (2) may be mounted toward the rear and may measure acceleration in the X and Y or longitudinal and lateral directions. The acceleration sensors may be connected to logic circuits containing OR gates and circuits for triggering airbags etc.



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